

AMENDMENT TO THE SPECIFICATION

Please amend the specification by replacing the paragraph beginning at page 8, line 20 with the following replacement paragraph:

A1
"To illustrate, consider the wireless telecommunication system of Fig. 1 wherein network entities, such as the ~~MC 32~~, an MSC 4 or 6, the BS 16 or 18, and the HLR 8 or 9 (among others) are involved in providing voice services to a network subscriber operating one of the MSs 20 or 22. In that case, when the subscriber powers-on the MS, roams to a new service area (MSC/BS), originates a call, responds to a page for an incoming call, or in any other way accesses the wireless network 2, a registration process typically ensues. Registration results in the serving MSC informing the HLR assigned to the MS of the MS's presence in its sphere of influence. The HLR retains this information and will in turn forward the information upon request to the ~~MC 32~~ NSE 40, so that the ~~MC~~ NSE can forward incoming messages to the target MS 20 or 22, as in the case of mobile-terminated SMS.

Please amend the Application by replacing the full paragraph set forth on page 12 with the following replacement paragraph:

A2
"This operation scenario describes a normal FeatureRequest operation when the response from an HLR includes instructions for the serving system to set up a call. As shown in step "a" of Fig. 3, a feature code string (i.e., a string of digits including a feature code) received from an MS (not shown) are included in a FEATREQ message and sent by a serving MSC 60 to an HLR 62 associated with the MS. The message parameters, which are otherwise conventional, include a TS_DataSize parameter in accordance with the invention, as follows:

Please amend the Application by replacing the paragraph beginning at the middle of page 17 with the following replacement paragraph:

A3
"As shown in step "b" of Fig. 5, ~~the~~ The HLR 82 determines that the origination request be approved and returns routing instructions in the orreqeq message, containing the following conventional parameters:

Please amend the Application by replacing the paragraph beginning at the bottom of page 22 with the following replacement paragraph:

AX
"This scenario describes the successful use of an SMSRequest operation, resulting in the return of the SMS_Address of an MS-based SME to an SMSC. As shown in step "a" of Fig. 9, an SMSC 120 does not have the current network address of the indicated MS-based SME, and it sends an SMSREQ message toward an HLR ~~112122~~ associated with the MS (possibly using SCCP global title translation of the MIN). The message parameters are conventional:

Please amend the Application by replacing the paragraph beginning at page 24, line 19 with the following replacement paragraph:

A5
"As shown in step "d" of Fig. 9, ~~the~~ The MSC 126 returns an smsreq message to the VLR 124 indicating the current network address that can be associated with the indicated MS-based SME. The message parameters, which are otherwise conventional, include a TS_DataSize in accordance with the invention, as follows: